

USSN: 10/698,344
Group Art Unit: 3763
Docket No.: 151-P-11699US01

AMENDMENTS TO THE CLAIMS

1. (Original) A method of inserting a drainage catheter into a sagittal sinus of a patient having a cranium, said sagittal sinus having blood flow from an upstream to a downstream direction, comprising:

creating a burr hole in said cranium of said patient proximate said sagittal sinus;

inserting a distal end of a catheter through said burr hole into said sagittal sinus;

positioning said distal end of said catheter so that said distal end points generally in said upstream direction with respect to said blood flow.
2. (Currently Amended) A method of creating a sinus shunting catheter in a patient having a cranium, comprising:

inserting one end of a catheter into said proximate a ventricle of said patient;

coupling a valve ~~into~~ in said catheter;

inserting an opposite end of said catheter into said cranium proximate a superior sagittal sinus, said superior sagittal sinus having blood flow from an upstream direction to a downstream direction; and

positioning ~~said distal end of~~ said catheter so that said opposite end points generally in said upstream direction with respect to said blood flow.
3. (Original) A method as in claim 2 wherein said catheter has a sinus portion between said valve and said opposite end of said catheter and wherein said sinus portion of said catheter has at least a ninety degree bend.
4. (Original) A method as in claim 3 wherein said sinus portion of said catheter has approximately a one hundred eighty degree bend.

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5. (Original) A method as in claim 4 wherein said one hundred eighty degree bend occurs approximately 7 to 11 centimeters from said opposite end of said catheter.
6. (Currently Amended) A sagittal sinus shunt, comprising:
a catheter having a ventricle portion and a sinus portion, said ventricle portion adapted for placement into a cranium of a patient proximate a ventricle and said sinus portion adapted for placement into said cranium of said patient proximate a superior sagittal sinus; and
a valve operatively coupled in said catheter between said ventricle portion and said sinus portion;
said sinus portion of said catheter having ~~at least a ninety~~ approximately a one hundred eighty degree bend.
7. (Canceled)
8. (Currently Amended) A sagittal sinus shunt as in claim ~~7~~ 6 wherein said one hundred eighty degree bend occurs approximately 7 to 11 centimeters from said opposite end of said catheter.
9. (Currently Amended) A sagittal sinus shunt as in claim ~~7~~ 6 wherein said sinus portion of said catheter is formed of a semi-rigid material.
10. (Original) A sagittal sinus shunt as in claim 9 wherein said sinus portion of said catheter has a durometer of approximately eighty (80).
11. (Original) A sagittal sinus shunt as in claim 6 wherein said sagittal sinus has blood flow from an upstream direction to a downstream direction and wherein a distal end of said sinus portion of said catheter is positioned generally in said upstream direction with respect to said blood flow.
12. (Original) A sagittal sinus catheter, comprising:

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a catheter adapted for placement into said cranium of said patient proximate a superior sagittal sinus;

said catheter being formed of a semi-rigid material; and

said catheter having at least a ninety degree bend limiting a depth to which said catheter can be inserted.

13. (Original) A sagittal sinus catheter as in claim 12 wherein said sinus portion of said catheter has approximately a one hundred eighty degree bend.
14. (Original) A sagittal sinus catheter as in claim 13 wherein said one hundred eighty degree bend occurs approximately 7 to 11 centimeters from said opposite end of said catheter.
15. (Original) A sagittal sinus catheter as in claim 12 wherein said sinus portion of said catheter has a durometer of approximately eighty (80).
16. (Original) A sagittal sinus catheter as in claim 12 wherein said sagittal sinus has blood flow from an upstream direction to a downstream direction and wherein a distal end of said sinus portion of said catheter is positioned generally in said upstream direction with respect to said blood flow.